METER ROOM
DO NOT REMOVE

DT-340

DIGITAL PANEL METER

~~LE-90-520~~

Preliminary Manual

DATA TECHNOLOGY CORP.
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PHONE 964-2600
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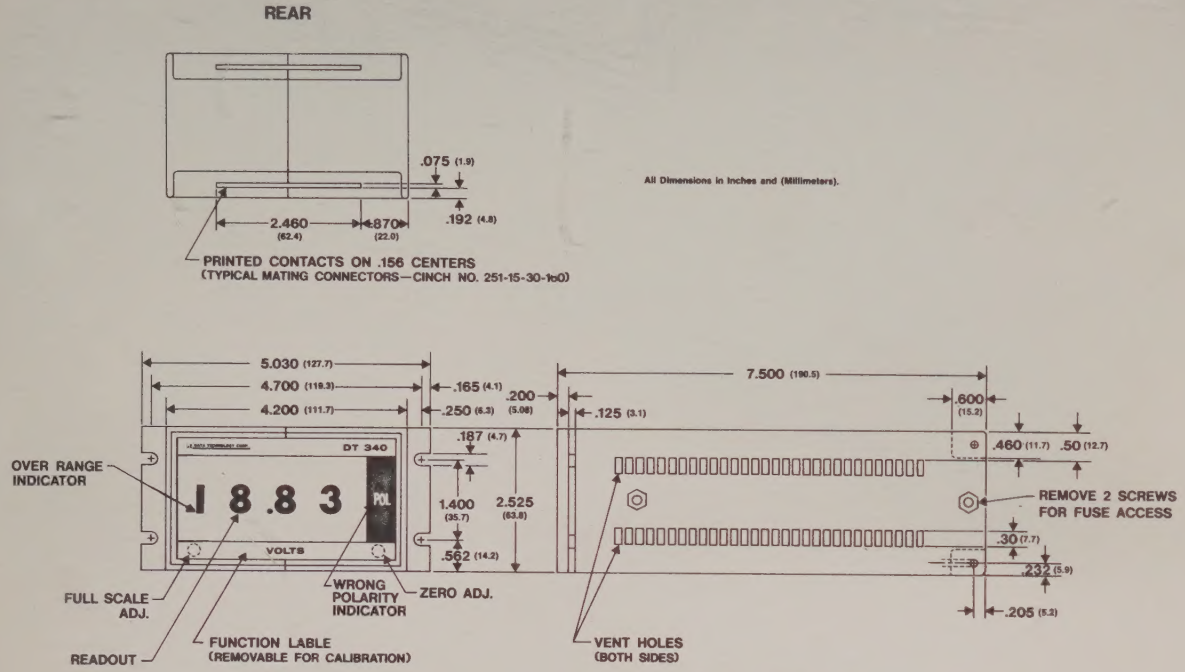
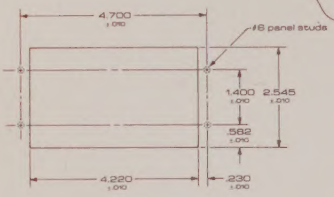
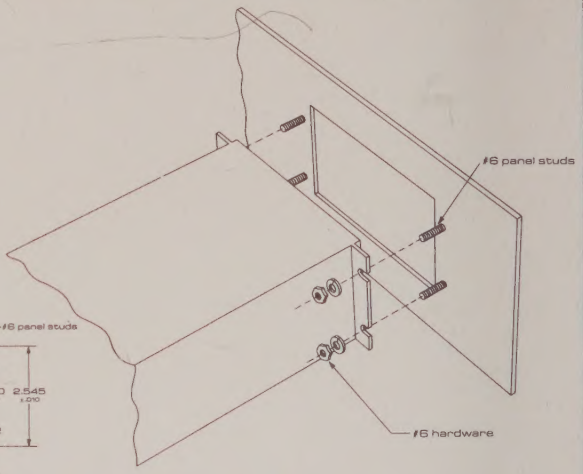
Mechanical Outline Diagram



Mechanical Installation Options

I HIDDEN FASTENER MOUNTING
Unit removable from rear of panel only

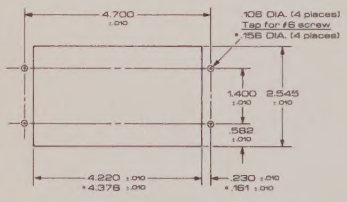




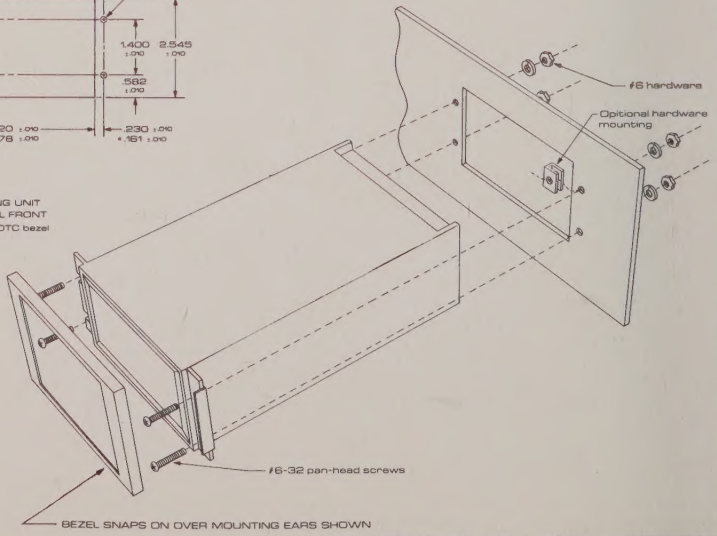
REAR VIEW (rear mounting)

*If Speed Nuts Desired

Panel Thickness	Part No. (Tinnerman)
1/8	C1925-632
3/16	
1/4	C6736-632

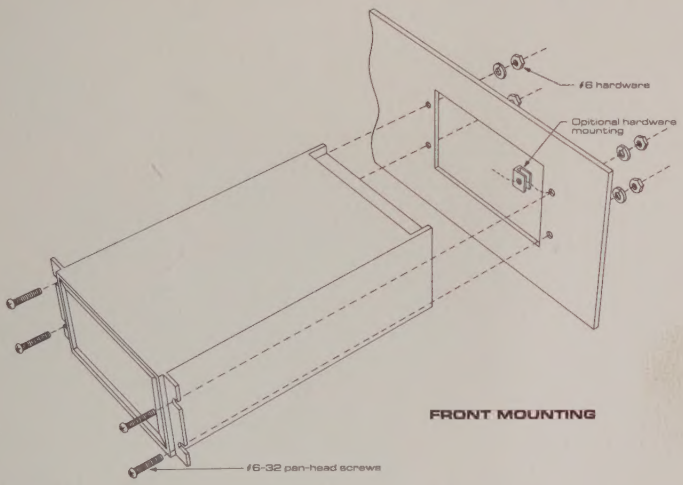


II MOUNTING UNIT ON PANEL FRONT
Use with OTC bezel



FRONT MOUNTING WITH BEZEL ACCESSORY

Mechanical Installation Options

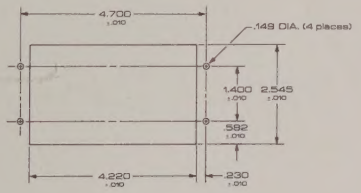


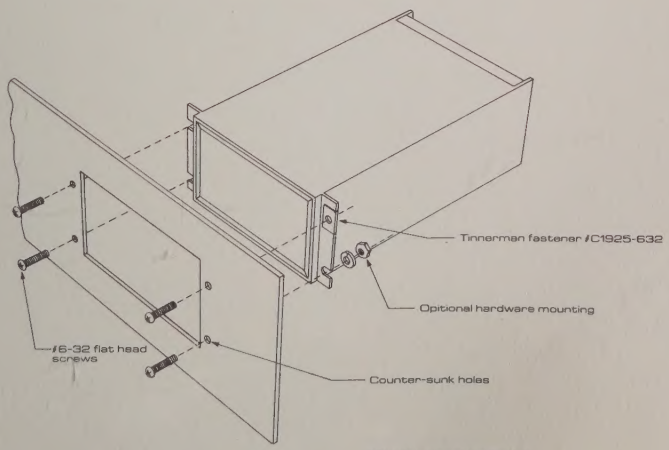
FRONT MOUNTING

!!! SIMPLE MOUNTING WITH EXPOSED HARDWARE

Unit may be mounted from front or rear

Unit may be mounted from rear with Tinnerman fastener #C1925-632





REAR MOUNTING

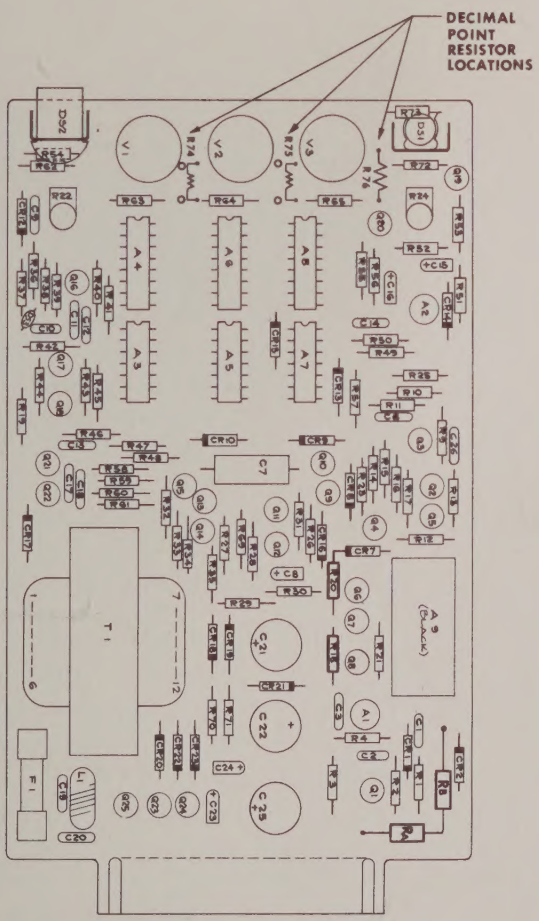
Range Conversion Schematic

Contents

- Notes
- Mechanical Outline Diagram
- Mechanical Installation Options
- Range Conversion Schematic
- Board Layout-Pin Configuration
- Range Conversion Table
- List of Materials

Notes

Board Layout - Pin Configuration



Range Conversion Table

Model No.	Range	¼ W, 1% "TO" Metal Film			¼ W, 5%, Carbon	¼ W, 5%, 22 K Carbon		
		R_A	R_B	R_{18}	R_{20}	R_{74}	R_{75}	R_{76}
DT 340-1	199.9 mv	Jumper	Open	100	820	X		
DT 340-2	1.999 V	Jumper	Open	1 K	Jumper			X
DT 340-3	19.99 V	10 M	1.11 M	1 K	Jumper		X	
DT 340-4	199.9 V	10 M	101 K	1 K	Jumper	X		
DT 340-5	999 V	10 M	10 K	1 K	Jumper			
DT 340-6	199.9 nA	Jumper	1 M	100	820	X		
DT 340-7	1.999 μA	Jumper	100 K	100	820			X
DT 340-8	19.99 μA	Jumper	10 K	100	820		X	
DT 340-9	199.9 μA	Jumper	1 K	100	820	X		
DT 340-10	1.999 mA	Jumper	100	100	820			X
DT 340-11	19.99 mA	Jumper	10	100	820		X	
DT 340-12	199.9 mA	Jumper	1	100	820	X		

List of Materials

Part Number	Description
15745	Printed Board Assembly
15770	Polaroid
15540	Meter Housing
15771	Ident. Strip
16329	Align. Pin
15773	Transformer T1
16297	Encapsulation Block Assy. A9
ZM 1000	Readout Tube Amperex V1 - V2 - V3
15772	Neon Bracket
101002	Fuse Clip Little Fuse
8AG	Fuse ¼ Amp F1
SH 7511	Resistor R24 Allen Bradley Zero Adj.
SH 2541	Resistor R22 Allen Bradley Full Scale
975-1000 uF	Capacitor C25 General Inst.
955-500 uF	Capacitor C21, 22 General Inst.
DS3-3AD	Neon Tube General Elect. timer
DS1-A261	Neon Tube Signal Light over range
DS2-3AD	Neon Tube General Elect. wrong polarity

MP MASTER
MA25697

APR 868-1